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nucleic acid variants (SEQ ID NO:4); Line 5 sets out the nucleic acid variants encoding Mutant HbsAg II (MAM HbsAg) (SEQ ID NO:5); and Line 6 sets out the nucleic acid variants encoding Mutant HbsAg I (NP HbsAg) (SEQ ID NO:6).

On 10/1/87
By
attach

Remarks

In response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence disclosures, Applicants hereby provide the following:

- (1) an initial paper copy of the Sequence Listing;
- (2) a computer readable form copy of the Sequence Listing; and
- (3) a statement to support the filings and submissions in accordance with 37 CFR 1.821-1.825.

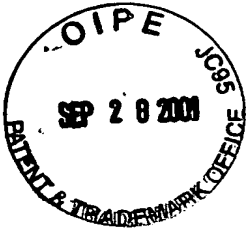
In the amendment presented above, Applicants provide an instruction as to the placement of the paper copy of the Sequence Listing into the present specification. Applicants also provide a marked up version of the replacement paragraph showing where the corrections to the original paragraph have been made (please see attachment 1).

Applicants respectfully submit that the addition of the Sequence Listing adds no new matter and accordingly, request entry of the filings and submissions into the record.

Respectfully submitted,
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ATTACHMENT 1

(MARKED UP VERSION OF THE REPLACEMENT PARAGRAPHS)

The following is a marked up version of the paragraph which replaces the original paragraph at page 4, starting at line 32 and continuing through page 5, line 6:

-- Line 1 sets out [**recognised**]**recognized** amino acid variants of subtype adyw (**SEQ ID NO:1**); Line 2 sets out the consensus amino acid sequence of subtype adyw (**SEQ ID NO:2**); Line 3 sets out the consensus nucleic acid sequence of subtype adyw (**SEQ ID NO:3**); Line 4 sets out [**recognised**]**recognized** nucleic acid[s] variants (**SEQ ID NO:4**); Line 5 sets out the nucleic acid variants encoding Mutant HbsAg II (MAM HbsAg) (**SEQ ID NO:5**); and Line 6 sets out the nucleic acid variants encoding Mutant HbsAg I (NP HbsAg) (**SEQ ID NO:6**).--